

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference MICRU-55451	FOR FURTHER ACTION <small>see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, Item 5 below.</small>	
International application No. PCT/US 00/21928	International filing date (day/month/year) 10/08/2000	(Earliest) Priority Date (day/month/year)
Applicant MICRUS CORPORATION		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☒ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

INTRAVASCULAR DELIVERY SYSTEM

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☒ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

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☐ None of the figures.

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Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

The endoluminal device delivery assembly (10) and method for release and deployment of an endoluminal therapeutic device (28) at a desired location for treatment within the vasculature of a patient utilizes an elongated flexible tubular catheter (12) with a tubular distal tip (16) formed of a yieldable material mounted to the distal end (14) of the catheter (12) for releasably holding the proximal end (28) of the endoluminal device (28). The endoluminal device (28) can be dislodged from the tubular distal tip (16) by a pusher member (34) or pressurized fluid to expel the endoluminal device (28) through at the desired location for treatment within the vasculature of a patient. A flexible coil (40) can be mounted to the distal end (38) of the elongated pusher member (34) to provide for improved tracking.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61B17/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 12015 A (MICRUS CORPORATION) 9 March 2000 (2000-03-09) the whole document	1, 2, 8, 10, 11, 13, 15
X	WO 98 02100 A (ANSON MEDICAL LIMITED) 22 January 1998 (1998-01-22) abstract; figures 2-7 page 11, paragraph 3 -page 13, paragraph 2	1, 2, 10, 12, 15
X	WO 99 32037 A (BOSTON SCIENTIFIC LIMITED) 1 July 1999 (1999-07-01) abstract; figures page 4, line 11 -page 6, line 8 page 7, line 31 -page 8, line 13	1-4, 8, 15
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

23 April 2001

Date of mailing of the international search report

03/05/2001

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 01368 A (TRIMEDYNE, INC.) 16 January 1997 (1997-01-16) abstract; figures page 7, line 34 -page 10, line 27 ---	1,7,8, 10,12, 15,16
X	US 5 609 608 A (BENETT ET AL.) 11 March 1997 (1997-03-11) abstract; figures column 4, line 60 -column 5, line 2 ---	1,2,15, 16
X	EP 0 941 700 A (CORDIS CORPORATION) 15 September 1999 (1999-09-15) the whole document ---	1,7,13, 15
E	US 6 102 932 A (KURZ DANIEL R) 15 August 2000 (2000-08-15) the whole document -----	1-16

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 17-19
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0012015 A	09-03-2000	US 6149664 A AU 5588499 A	21-11-2000 21-03-2000
WO 9802100 A	22-01-1998	AU 3550897 A EP 0915678 A JP 2000514336 T	09-02-1998 19-05-1999 31-10-2000
WO 9932037 A	01-07-1999	US 6203547 B AU 2005499 A EP 1039836 A	20-03-2001 12-07-1999 04-10-2000
WO 9701368 A	16-01-1997	US 5989242 A	23-11-1999
US 5609608 A	11-03-1997	US 5783130 A US 5722989 A	21-07-1998 03-03-1998
EP 0941700 A	15-09-1999	US 6068644 A	30-05-2000
US 6102932 A	15-08-2000	NONE	